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NPIC/TSSG/RED/SDB-001-69
5 January 1970

MEMORANDUM FOR THE RECORD

SUBJECT: Simulated Imagery Program

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25X1

1. The Simulated Imagery Program has encountered many delays, the majority of which are attributable to NPIC. [] won the contract to perform the work for a fixed price of []. This contract contained the provisions that [] would write the computer programs for their computer, then convert them to work on NPIC's computer. The first real problem arose when [] discovered that the plotter program had to be written in UNIVAC assembly language to run on NPIC's computer, a computer language they didn't know. [] could have learned this prior to bidding on the contract, but NPIC could also have pointed this out to them. NPIC supplied [] with all the manuals and guides for writing the assembly language programs and for converting the main Fortran program to the Univac Fortran language. Unfortunately, the manuals were not accurate, and the converted programs did not work. This was only part of the problem.

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2. The card readers associated with the DCT-2000's, the UNIVAC data terminals, have a tendency to jam and although the card can be unjammed easily, there is usually no way of knowing whether the information on the card has been read until the listing has been received. The average wait for the computer to process the information is about half a day, thus it can take a week just to find out whether a long program is correct or not. [] has, therefore, been forced to spend several man-weeks in de-bugging a program which otherwise might only have required a few days.

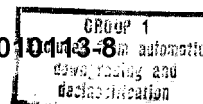
25X1
25X1

3. [] recently tried to check out the plotter program, but they discovered that the plotter routines which NPIC has on the computer library and which NPIC had previously said could be used, were not compatible with Fortran and therefore, could not be used. On 30 December 1969 I discussed the problem with [] of PSG/AID. They agreed that these particular plotter programs should have been made to be compatible with FORTRAN and that they would do the work (estimated time: 2 weeks) but they would charge the time to TSSG. I told them if that was the only way we could get the work done to charge time to the Simulated Imagery Program. As a result of these charges, the assembly language programs won't be needed either.

Declass Review by
NIMA/DOD

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SUBJECT: Simulated Imagery Program

25X1 4. [] unofficially and informally told me on 30 December 1969
that they had spent about 10% more money on the project than was allowed
under the contract and that they were going to ask us for more money even
25X1 though the contract is fixed price. [] did not know how []
25X1 [] could expect to get more money from NPIC on this work, but he
said he would notify me if and when an official request comes through.

[]
Project Monitor
TSSG

Distribution:

Original - Route & File
1 - NPIC/TSSG/RED
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